Concentration is the secret of strength.
Emerson

ELECTRIC SPARKS

SCHOOL OF ENGINEERING OF MILWAUKEE

373 Broadway, MILWAUKEE, WIS.

(SUCCESSORS TO "ELECTROFORCE")

Success comes in cans. Failure in can'ts

VOL. I | MILWAUKEE, WIS., Sept. 10, 1919. | No. 2

New Course in Wireless Telegraphy

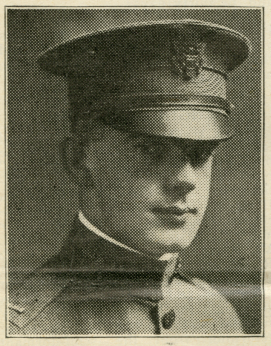
Lieutenant O'Connor Selected As Instructor.

There is a great demand for wireless telegraphy now that the government restrictions are off.

Therefore the School of Engineering has decided to install radio instruction.

It has engaged Lieutenant William J. O'Connor, B. S. in E. E., of Milwaukee for the position of instructor.

Lieut. O'Connor is a resident of Milwaukee and a graduate of Marquette University. He resides at 1425 Cedar street.



He was trained at Fort Sheridan and transferred to the aviation camp at College Point, Maryland, He attended the first radio school of the government and afterwards took the course in Aerial Observation.

Lieut. O'Connor was placed in charge of the Transmitting and Receiving Station at Hampton, Va., which sections covered the installation and maintenance of all radio apparatus on planes and on the ground.

He was then placed in charge of the radio for four squadrons and was awaiting orders for overseas when the armistice was signed.

Recommended for promotion before the armistice, Lieut. O'Connor was given his promotion in the reserve.

The new wireless class will meet evenings two nights per week. Students of all departments are eligible for enrollment in this course.

Class rooms and laboratories will be on the sixth floor, and the laboratory will include a large transmitting and receiving set as well as equipment to train one hundred or more students in receiving, reading, installation and maintenance work.

Much interest is being shown and the course promises to be largely patronized.

MOVING TO MILWAUKEE.

Mr. A. C. Ball, instructor in Law and English in the school, is moving his family and household goods from Pontiac, Ill., to Milwaukee, where he will make his future home. Mr. Ball has lived in Pontiac for a number of years and is well known in that vicinity.

Word was received from Mr. M. J. Manahan that he had suffered a compound fracture of the right arm and was in the hospital at Rochester, Minn.

WELCOME, NEW STUDENTS

We welcome you to our school. Please get its spirit at once.

It is democratic. For all. No cliques predominate.

You are expected to know them all. No matter whether you come from Kalamazoo or Kamaskatka, we are all friends.

We have plans for welcoming you. A party to which each new student will be invited and provided with a girl by some older member of the school is among the suggestions.

But meanwhile feel at home. This is **your** school as much as anybody else's. Join in—be one of us. Go in for what you like. Athletics—music, social life—the R. O. T. C.

We all welcome you, boys. Don't be backward about coming forward.

OH, YOU DAN CUPID!

Dan Cupid is a busy boy—a very busy boy these days.

Now—

First on the list comes D. F. Trowbridge, B. S., of Oklahoma, who took a S. O. E. degree last June. He has gone and married Miss Jane Gulluck De Armon of Walnut Springs, Texas. They will be at home at 321 East Lincoln St., Mangum, Ok.

Second. W. K. Stumpf, who is an instructor in the S. O. E. was overtaken by Dan while studying at the North Division High. The young lady in the case is Miss Irene Ehlers, who graduated from N. D. in 1914. Mr. Stumpf graduated the year before. They will be married the seventeenth of this month. We can not ascertain where the ceremony will be performed, as this is a "scoop" by one of the society editors. The subject has been referred to the charivari committee.

Third. G. L. Truby, Y. M. C. A. Secretary at the School during the S. A. T. C. days, was married August 14th to Miss Blanche I. Landohl at Princeton, Ill. They will be at home after October 1st at 450 So. Irving St., Chicago.

Rev. Truby was well known here in Milwaukee and was well liked by the boys. His wife visited him here several times during the winter.

CLASS OFFICERS ENG. III.

M. W. Simon—President, Horicon, Wis.

George Garbacz — Vice-President, Batesville, Ark.

H. V. Smid—Secretary, Milwaukee, Wis.

D. P. Wilson—Treasurer, Ripon, Wis.

E. A. Rerucha—Class Reporter, Brainard, Neb.

A MEMORIAL FOR SOLDIERS AND SAILORS

Dean Ball, President of the Heading Civic Commission.

John D. Ball, E. E., Dean of the School of Engineering, has been chosen president of the civic commission to plan a Soldiers' and Sailors' Memorial for Milwaukee.

Mr. Ball has issued a booklet in which the various suggestions are printed and recommending a "Liberty Square" containing a suitable shaft, fountain and building. The building will contain quarters for the Red Cross, National Guard, and various other military organizations.

A. I. E. E. STUDENT BRANCH To be Established at This School

The following letter is an extract of a letter received by Dean Ball in regard to a Student Branch of the A. I. E. E.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS.
32 West 39th St., New York.
Aug. 20, 1919.

Dean John D. Ball,
School of Engineering of Milwaukee,
373 Broadway, Milwaukee, Wis.

Dear Sir:

I have the honor of notifying you that the Board of Directors of this Institute, at its meeting held on Aug. 12, 1919, authorized the organization by you of a Student Branch at the School of Engineering of Milwaukee, to be known as the "School of Engineering of Milwaukee Branch of the American Institute of Electrical Engineers."

* * * * *

With best wishes for the success of the Branch, I am,

Very truly yours,
F. L. HUTCHINSON,
Secretary.

FREE SCHOOLING FOR SOLDIERS AND SAILORS

Nye Soldiers' Education Bill Passes and is Signed by the Governor.

Soldiers and Sailors who were residents of Wisconsin can now receive an education at the expense of the state. The bill for furnishing them expense money has passed both houses of the legislature, and is signed by the Governor.

They will receive several million dollars from the state. It will be well spent. The bill provides for that, by providing that there shall be a report several times per year from the soldier-student's professors as to what progress he is making. They will not be hampered in their choice of a school, but they will not be allowed to "soldier."

The School of Engineering is in a position to be of vast benefit to these boys. It can teach them enough electricity in six months to make a good living. Thence upward until they pass the Electrical Engineering course and take the B. S. degree.

The school authorities have taken much more space in the Insurance Building for this work, including a special suite of offices on the first floor, at which it has established an Information Bureau on the Nye Soldiers' Educational Bill, where it will gladly furnish the boys all details, file their applications to the state, and do all the rest.

R. O. T. C. Men On Rifle Range

Two Days' Shoot at Rifle Range at South Milwaukee.

A detail of R. O. T. C., under the direction of former Major Kienth and Captain John L. Gordon, had a two days' shoot at the government rifle range at South Milwaukee.

The party left the Insurance Building at 10:30 A. M. Saturday, Aug. 30, with full equipment and boarded a T. M. E. R. & L. car at 11 A. M. for the south county line. Passing through Cudahy there was some apprehension of being taken for State Militia. The party arrived at the range about 1 P. M., and after dinner was prepared an hour's instruction in the use of the range was given.

The firing commenced about 3 P. M., and it closely resembled a Yankee bombardment in France. Shooting was continued until 5 P. M., when tents were pitched and the camp prepared for the night. After supper instruction in guard duty was taken up and the men went on guard in shifts of two for an hour and twenty minutes each.

Early Sunday morning the targets were prepared for another day s bombardment, and shooting commenced again at 10 A. M. Some very good records were made, considering that this was the first time a great many of the boys had ever held a rifle. The officers in charge were well pleased with the results. About 900 rounds were fired.

Lieut. Meske of the National Guard and an authority on range work, complimented the R. O. T. C. men very highly on their work.

The detail left for Milwaukee about 4:30 P. M. Every one seemed well satisfied and pleased with the two days' work. Meals were served by Mr. and Mrs. Cassidy at a cost of $1.50 per man.

The following are the averages of each man. Special mention is due to Lieut. Illing, First Sergeant Hentershee, Paul Neess, Pat. Lorenzo and Daniel.

Hentershee	36¼
Illing	35½
Gordon	33
Lorenzo	30
Daniel	29 1-3
Parham	27
Hassel	26
Doyle	20½
Bower	20
Thoms	18½
Martin	16 2-3
Wargin	16½
Nienow	11½
Hilse	11½
Loeher	8½

LOCALS.

Herman Bocher of the class of '17 visited the school on Saturday. He signified his intention to return and take up post-graduate work for the B. S. degree.

W. M. Fuller expects to leave Milwaukee sometime during the week for Cincinnati, where he will take up a course in construction engineering in the University there. Fuller has been attending S. of E., in preparation for this move, since September, 1918, and has taken a very active part in the social affairs of the school. He was also president of his class. His school and classmates wish him the best of success in his new undertaking.